

**Amendments to the Specification**

Amend the claims as follows to merely remove reference numbers.

1. (Currently amended) A method for controlling an electronically servo-assisted bicycle gearshift  $[(8)]$ , comprising the steps of:

a) driving  $[(207, 211, 307, 311)]$  an actuator  $[(16, 17)]$  of a bicycle gearshift  $[(8)]$  to displace a chain  $[(13)]$  of the gearshift in a chosen axial direction  $[(A, B)]$  with respect to a gearshift group  $[(9, 10)]$  having a plurality of sprockets  $[(11, 12)]$  including at least two adjacent sprockets,

b) receiving information in a control unit on a desired alignment  $[(205, 305)]$  between the chain  $[(13)]$  and a predetermined sprocket  $[(11, 12)]$  of the gearshift group  $[(9, 10)]$ , and

c) setting  $[(215, 315)]$  a biunique correspondence, in a control unit, between the physical position of the actuator  $[(16, 17)]$  and a logic value associated with a gear ratio relative to the predetermined sprocket  $[(11, 12)]$ .

2. (Currently amended) The method of claim 1, wherein the predetermined sprocket  $[(11, 12)]$  is a sprocket with the smallest diameter of the gearshift group  $[(9, 10)]$ .

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into file 4/2/07